



Product Data Sheet

Multiband Magnetic Mount Antenna

M2M & SMART Metering

Multiband Magnetic Mount Antenna



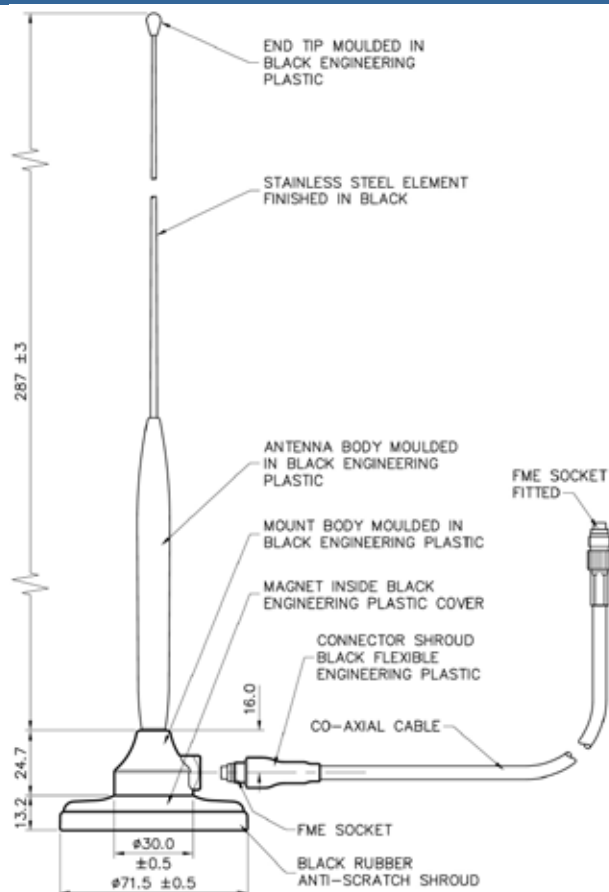
MD9G21-5F

- No hole installation
- High Gain at 800 & 900MHz
- Omni Directional Coverage

If you are constantly on the move the magnetic MAR & MD antenna range is the ultimate solution. Placed on the roof of a vehicle the antenna will grip securely with a tough but removable magnetic base, giving you high gain, omni-directional coverage.

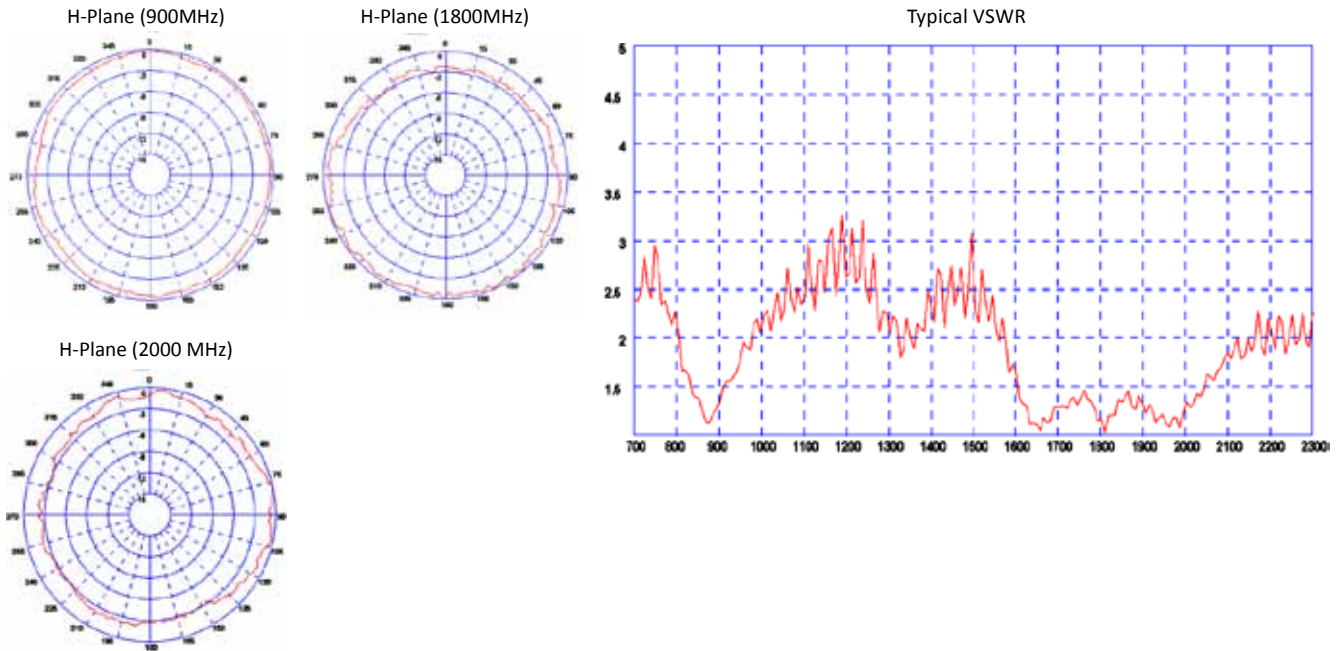
When it comes to removing or re-positioning, it couldn't be easier and you won't be left with any evidence that the antenna was there at all. With the MAR & MD range you no longer need to make holes in your vehicle to fill holes in your coverage.

Technical Drawing



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Multiband Magnetic Mount Antenna



Part No.	MD9G21-3F	MD9G21-5F	MD9G21-10F
Electrical Data			
Frequency Range (MHz)	800-960 & 1710-2170	800-960 & 1710-2170	800-960 & 1710-2170
Operational Band	AMPS 850, GSM900, GSM1800, PCS1900 & 3G UMTS	AMPS 850, GSM900, GSM1800, PCS1900 & 3G UMTS	AMPS 850, GSM900, GSM1800, PCS1900 & 3G UMTS
Gain: Isotropic	5dBi (800-960MHz) & 2dBi (1710-2170)	5dBi (800-960MHz) & 2dBi (1710-2170)	5dBi (800-960MHz) & 2dBi (1710-2170)
Compared to ¼ wave	3dB (800-960MHz) & 0dB (1710-2170)	3dB (800-960MHz) & 0dB (1710-2170)	3dB (800-960MHz) & 0dB (1710-2170)
Polarisation	Vertical	Vertical	Vertical
Pattern	Omni-directional	Omni-directional	Omni-directional
Impedance	50Ω	50Ω	50Ω
Max Input Power (W)	50W	50W	50W
Mechanical Data			
Dimensions (mm)	Total Height	325	325
	Base Height	38	38
	Base Diameter	71.5	71.5
Operating Temp (°C)	-40° / +80°C	-40° / +80°C	-40° / +80°C
Material	Engineering plastic	Engineering plastic	Engineering plastic
Colour	Black	Black	Black
Mounting Data			
Fixing	Magnetic mount	Magnetic mount	Magnetic mount
Cable Data			
Type	CS23	CS23	CS23
Thickness (mm)	5	5	5
Length (m)	3	5	10
Termination	FME Socket	FME Socket	FME Socket

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